



# Interim Forest Management Plan

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## Property Identifiers

Property Name: **Osceola Hatchery**

Property Designation or Type: Fisheries

DNR Property Code(s) (DNR Prop Code Number): 1850

Forestry Property Code(s): 4985

Property Location - County(ies): Polk

Property Acreage: 344 Recon Acres

Master Plan Date: None

Property Manager: Peter Jensen

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## Property Assessment

The Osceola Hatchery property is a 348 acre property in the town of Osceola. It is 69% wooded and has 144 acres (41%) scheduled for management.

### A. Ecological Landscape description and property context

- a. The Hatchery is located almost wholly within the Western Prairie Ecological Landscape. The property was likely mostly wooded due to the proximity to numerous springs, wetlands, creeks, and the St. Croix River keeping stand replacement fire frequency extremely low. Most of the property has an old pasture and ag history.

### B. General property description – management, adjacent land uses, topography, soils, etc.

- a. The property is mostly wooded except for the hatchery infrastructure and wetlands. One state highway, one county highway and one town road bisect the property, along with 2 creeks and numerous springs and wetlands, splitting the property into several parcels. Adjacent land use is agriculture, residential, and the U.S. Park Service property along the St. Croix River.

### C. Current forest types, size classes and successional stages

- a. 113 acres of mature large diameter red and white oaks
- b. 94 acres of middle aged to old northern hardwoods
- c. 32 acres of middle aged red pine, white pine and spruce

### D. NHI: Endangered, threatened, Special Concern species, Species of Greatest Conservation Need (SGCN)



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- a. 30 element occurrences are noted, mostly mussels, fish, and turtles associated with the St. Croix River or tributaries. Ones to note are the Bedrock Glade and Southern mesic forest in the northwest part of the property.
- E. Significant cultural or archeological features
  - a. Archeological hits noted will not be affected by timber harvest operations according to State Archeologist. Any forest management projects will follow manual code procedures to avoid impacts to cultural and archeological sites.
- F. Invasive species
  - a. Buckthorn is prolific and small areas of garlic mustard are present.
- G. Existing State Natural Areas (SNA) designations/natural community types limited in the landscape
  - a. Osceola Bedrock Glades State Natural Area is in the northwest part of the property.
- H. Primary public uses (recreation)
  - a. The main public uses are for hiking and hunting in designated areas.
- I. Biotic Inventory Status: Not completed to date.
- J. Deferral/consultation area designations
  - a. 95 of the 239 forested acres are not scheduled for management, this includes the State Natural Area.

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## IFMP components

**Management Objectives:** Due to the small size of the manageable part of the property, options are limited, but the main objective is to maintain the health of the current oak, northern hardwood, and pine areas, by periodic thinning or sanitation type harvests.

## Property Prescriptions

1. Oak and Northern Hardwood – 112 scheduled acres
  - a. Promote healthy white and bur oak and northern hardwoods by managing and salvaging oak wilt riddled stands.
  - b. Thin where possible to promote larger diameter classes
2. Pine - 32 scheduled acres
  - a. Promote large diameter healthy trees by periodic thinning to relieve overcrowding. Pine stands will likely convert to hardwoods over the next 150 years if buckthorn is controlled.

OSCEOLA HATCHERY

Compartment



WisFIRS MGMT BND



Compartment



STAND



State (24K)



County (24K)

Major Highway



Interstate Hwy



US Hwy

State Hwy

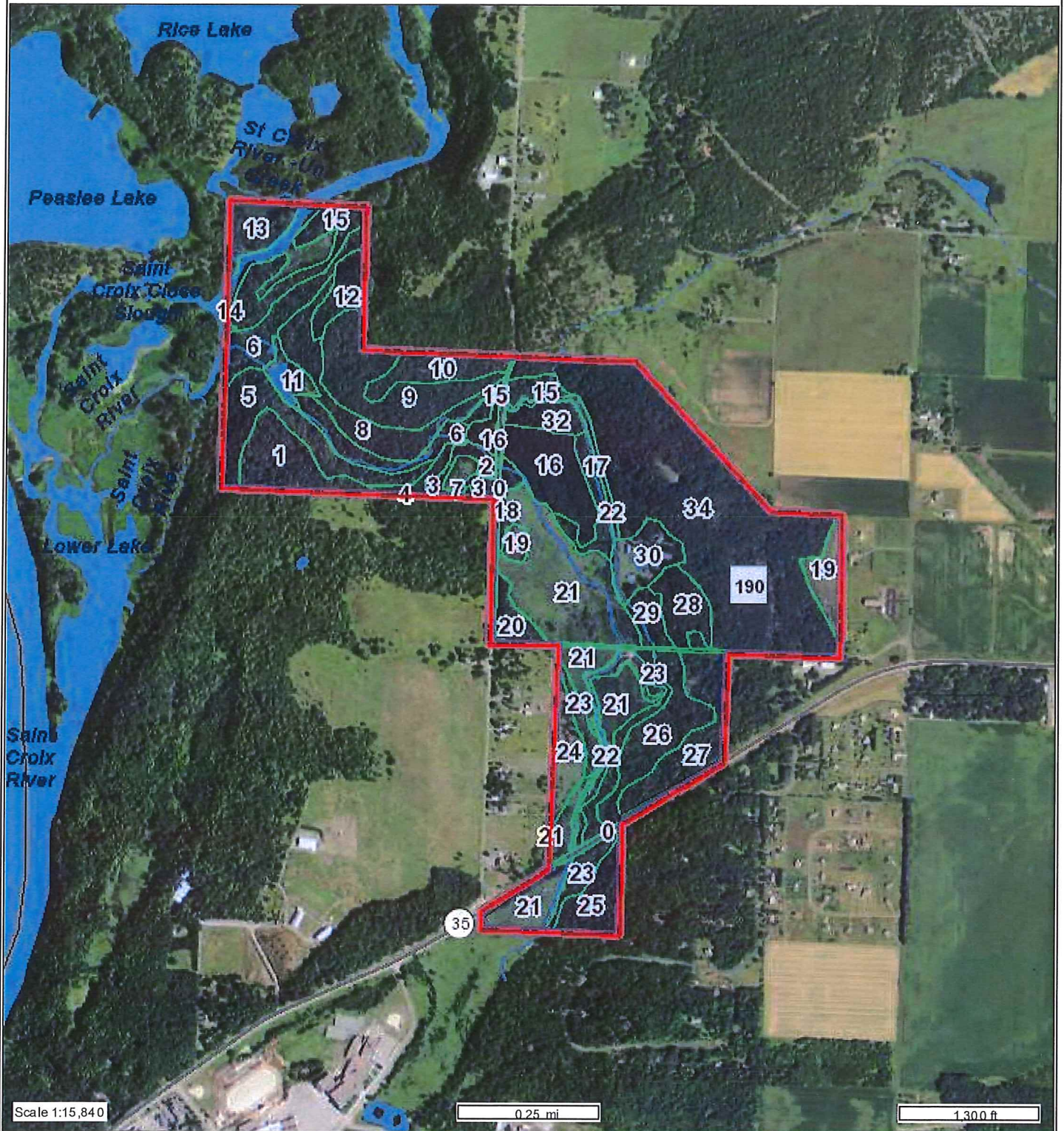
Stream (24K)

Intermittent

Perennial

Lake (24K)

10/13/2017



Scale 1:15,840

0.25 mi

1,300 ft

The data shown on this map have been obtained from various sources and are of varying age, reliability, and resolution. This map is not intended to be used for navigation nor is this map an authoritative source of information about legal land ownership or public access. Users of this map should confirm the ownership of land through other means in order to avoid trespassing. No warranty, expressed or implied, is made regarding accuracy or applicability for a particular use, completeness, or legality of the information depicted on this map. This map created using the WI Forest Inventory & Reporting System (WisFRS), WI DNR, Division of Forestry.





# Interim Forest Management Plan

Summary of Public Involvement and Comments Received

Maps (Optional)

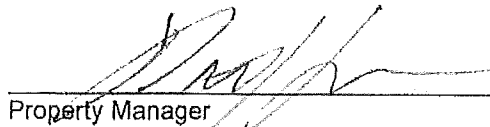


hatchery ifmp  
map.pdf

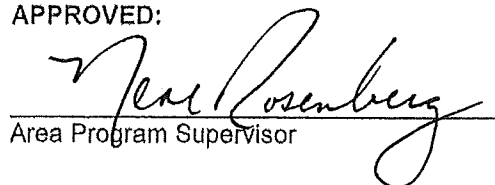
a. Property Boundary and ownership Maps

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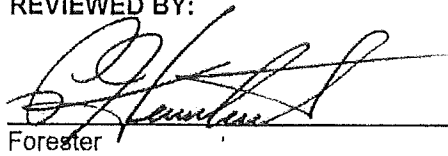
PREPARED BY:

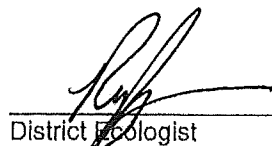
 10-24-17  
Property Manager Date

APPROVED:

 10/25/2017  
Area Program Supervisor Date

REVIEWED BY:

 10-20-17  
Forester Date

 10-26-17  
District Ecologist Date